

AMENDMENT TO THE CLAIMS

The following claim set replaces all prior versions, and listings, of claims in the application:

- 1.-12. (canceled)
13. (currently amended) High-performance polyethylene multifilament yarn ~~comprising made from linear ultra-high molar mass polyethylene of IV 8-40 dl/g, containing~~ n filaments and having a tensile strength of at least $f \cdot (n^{-0.065})$ GPa, wherein factor f is at least 5.8 and n is at least 5, and wherein the filaments are made from linear ultra-high molar mass polyethylene of IV 8-40 dl/g as measured on solutions in decalin at 135⁰C.
14. (original) High-performance polyethylene multifilament yarn according to claim 13 wherein f has a value from 6.0 to 10.
15. (previously presented) High-performance polyethylene multifilament yarn according to claim 13, showing a non-reversible peak, as measured by temperature-modulated differential scanning calorimetry, with a maximum at about 152°C and having an enthalpy of at least 35 J/g.
16. (previously presented) High-performance polyethylene multifilament yarn according to claim 13, having a creep rate as determined on yarn at 70°C with a load of 600 MPa of at most $5 \cdot 10^{-6} \text{ s}^{-1}$.
17. (previously presented) High-performance polyethylene multifilament yarn according to claim 13, containing at least 200 filaments.
18. (currently amended) High-performance polyethylene multifilament yarn according to claim 13, wherein the filaments are solution spun, and wherein the

filaments contain ~~containing~~ less than 150 ppm of residual spinning solvent of a
type having a boiling point at atmospheric conditions of less than 275°C.

19. (previously presented) Semi-finished and end-use articles containing the high-performance polyethylene multi-filament yarn according to claim 13.
- 20.-25. (Canceled)